



B L U E S C A P E
E N V I R O N M E N T A L

August 26, 2015

Maricopa County Air Quality Department
Air Quality Permits
1001 N Central Ave, Suite 125
Phoenix, AZ 85004

Subject: Renewal Application for a Non-Title V Permit General Permit for Permit Number 000258 Located at Digital Realty Inc.'s Facility in Chandler, AZ.

To Whom It May Concern:

On behalf of Digital Realty Trust, Inc. (Digital), BlueScape Environmental (BlueScape) is submitting a renewal application (Permit Number 000258) for a non-Title V General Permit at the facility located at 2121 S. Price Rd in Chandler, AZ.

The permit equipment list includes:

- 16 Cummins QSK60-G6 2,919 hp emergency generators, manufactured in 2011 and 2013;
- 10 MTU/DDC G81 Tier 1 2,937 hp emergency generators, manufactured in 2006;
- 4 Caterpillar 3516B Tier 1 2,934 hp emergency generators, manufactured in 2000;
- 6 MTU/DDC G83 Tier II 3,363 hp prime generators, manufactured in 2007; and
- de minimis equipment.

BlueScape is proposing that a few minor changes be implemented during the permit renewal process. Please remove the reference to NSPS Subpart IIII requirements for the Cat 3516B and MTU G81 emergency generators based on manufacturer date. This federal regulation is only applicable to CI generators manufactured after April 1, 2006. The Cat emergency generators were manufactured in 2000 and the MTU/DDC G81 emergency generators were manufactured in February 2006, therefore NSPS Subpart IIII does not apply. The specific NSPS IIII references being requested for removal include current permit conditions 3b, 6, and 7 for the CAT and MTU generators.



Maricopa County
Air Quality Department

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NON-TITLE V GENERAL PERMIT - RENEWAL APPLICATION

**RENEWAL APPLICATION FOR THE AUTHORITY TO OPERATE AND/OR CONSTRUCT
A NON-TITLE V OPERATION UNDER THE GENERAL PERMIT**

(As required by A.R.S. §49-480 and Maricopa County Air Pollution Control Regulations, Rule 200)

ALL APPLICANTS MUST COMPLETE THE ENTIRE APPLICATION

Renewal applications must be submitted at least six months, but no more than 18 months, prior to the date of permit expiration..

1. Existing Permit Number : 258		Permit Expiration Date : 2/29/2016	
2. Will there be any changes to the operation scenario(s) from that defined in the existing permit?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
3. Will there be any new modified, or reconstructed stationary sources or air pollution control equipment from that defined in the existing permit?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
4. Are there any emissions present that have not been correctly identified and defined in the current permit?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
5. Will there be any changes that trigger any other new applicable requirements?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
6. Has the ownership of the facility changed since the permit was last issued or transferred?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
7. Business Name (as filed with the Arizona Corporation Commission) : Digital Realty Trust, L.P.			
8. Address of Site : 2121 S. Price Rd City: Chandler State: AZ Zip Code: 85248			
9. Contact Person at Site : Antonio Ferrer		a. Telephone : (480) 722-7232 b. Alt. Tel : (480) 336-0603	
10. Name of Ownership or Legal Entity : Digital Realty Trust Chandler, LLC Address : 2121 S. Price Rd City : Chandler State : AZ Zip Code: 85248			
11. Ownership Contact : Antonio Ferrer		a. Telephone : (480) 722-7232 b. Fax : (888) 242-8857	
12. Send all correspondence including invoice and permit to : Company Name : Digital Realty Trust, Inc. Address : 2121 S. Price Rd City : Chandler State : AZ Zip Code: 85248 Attn : Antonio Ferrer			
13. The authorized contact person regarding this application is: Name : Antonio Ferrer Telephone: (480) 722-7232 Title : Chief Engineer Fax : (888) 242-8857 Company: Digital Realty Trust, Inc. E-mail : aferrer@digitalrealty.com			
14. I certify that i am familiar with the operations on this application and the information provided herein is true and complete to the best of my knowledge. Signature of owner or responsible official of business : Signature of owner or Text responsible official of business : aferrer@digitalrealtytrust.com Type or print name and title : Antonio Ferrer Chief Engineer			
For Office Use Only		Date Received: Log Number:	

Equipment List

DIGITAL REALTY TRUST CHANDLER, LLC

Permit Number 000258

Date Issued: 02/02/01

Revision: 3.0.0.0

Equipment Description		Rated Capacity	Quantity Exist/Future
1.	EMERGENCY GENERATOR - CUMMINS QSK60-G6 ENGINE - TIER II; MANUFACTURED 2011 AND 2013; INSTALLED 2012 AND 2013	2,919.00 HP	16 /
2.	EMERGENCY GENERATOR - MTU/DDC G81 -- TIER I; MANUFACTURED FEBRUARY 2006; INSTALLED BETWEEN 2007 AND 2010	2,937.00 HP	10 /
3.	EMERGENCY GENERATOR - CATERPILLAR 3516B -- TIER I; MANUFACTURED AND INSTALLED IN 2000	2,934.00 HP	4 /
4.	GENERATOR - BACT TRIGGERED; MTU/DDC G83 TIER II; MANUFACTURED 2007	3,363.00 HP	6 /
De Minimis Equipment:			
1.	TANK, UNDERGROUND STORAGE - DIESEL, INSTALL 7/07	25,000.00 GALLON(S)	4 /
2.	TANK, ABOVEGROUND STORAGE - DIESEL	4,042.00 GALLON(S)	16 /
3.	TANK, UNDERGROUND STORAGE - DIESEL, INSTALL 10/00	15,000.00 GALLON(S)	2 /